

Name: _____ Date: _____

Thanksgiving Word Problems

1. Theo offered to be in charge of cooking the turkey on Thanksgiving. He buys a 17 lb turkey, and reads the instructions: "Cook the turkey in a pre-heated oven at 350 degrees. Allow 15 minutes per pound of turkey. Warning: every time you lift the lid to check on the turkey, allow ten extra minutes of cooking time." Theo wants the turkey ready by 3 pm, and he knows he will lift the turkey lid three times for basting. At what time should he put the turkey in the oven?

2. At the Thanksgiving table, Aminah announces that she has a riddle involving the ages of two of her relatives. She says, "Cousin Ned is three times as old Cousin Stacey today. But, in ten years, Cousin Ned will be seven less than twice her age in ten years. So, how old are my cousins now?" Aminah's Uncle Bobby yells out that Cousin Ned is 81 and Cousin Stacey is 27, but her Auntie Sue says that he is wrong, and gives the correct ages. How old are Ned and Stacey today?

3. Makayla and Sabria are organizing a Thanksgiving Green Event. $\frac{1}{3}$ of their proceeds will go to the Amazon Conservation Association, $\frac{1}{5}$ of their proceeds will go to the Center for Creative Land Recycling, $\frac{1}{4}$ will go toward several local green organizations, and the rest of the proceeds will go toward funding the Thanksgiving Event. If the girls make \$20,000, how much money will go to each allotted area?

4. Chloe is setting the table, which is seven feet long and three feet wide, for Thanksgiving dinner. She would like to make a decorative border around the table; how many feet of Thanksgiving construction paper will she need? Chloe then wants to cover the table top - with no overhang - with a protective plastic cover. What will the area of this cover be?

5. Mr. Hagerty currently has five plants in his garden. He will plant nine more each month. Ms. Haywood currently has thirty plants in her garden and will plant four more each month. After how many months will Mr. Hagerty and Ms. Haywood have the same number of plants in their gardens?

5. The amount of food needed at Parris' Thanksgiving dinner is directly proportional to the number of people who are eating. If there are 8 people eating, Parris will need a 14 lb turkey. How many pounds should his turkey be if there will be 12 people at Thanksgiving dinner?